



CONTINUING ELIGIBILITY INSPECTION (CEI) REPORT**FOR FLOOD CONTROL PROJECT****Honolulu Engineer District****CEPOH-EC-T***Keopu FCP05rpt-fcp.doc*

1. Project Name: **Keōpū Stream Flood Control Project**

2. Date of Inspection: December 16, 2004

3. Inspection Personnel:

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Name	Agency/Office	Telephone No.
a. Dan Meyers	COE	438-887
b. Lincoln Gayagas	COE	438-1981
c. Dale Gomes	DPW	322-2877

4. Ratings for FY05

Project Rating: "MS, **Marginally Satisfactory**"

Project Condition Code: "MA, **Minimally Acceptable**"

Project Status: "**Active**"

5. Discussion:

Inspection was conducted on the Non-Federal Keōpū Stream Flood Control Project. The project is concrete lined only at the top of the channel near Māmalahoa Highway Bridge. Remainder is an unlined lava rock rectangular channel, approximately a mile long. The project runs adjacent Keōpū Heights subdivision (Hiona Street). It begins at Māmalahoa Highway Bridge and ends at bottom of the subdivision at the Keōpū Stream Silting Pond Berm. See enclosed map.

A walk through inspection began at the upper limits of the project at Māmalahoa Highway Bridge. Deficiencies were brought to the attention of the County of Hawai'i representative and are listed below :



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- a. Sta. 0+00, Right Bank (RB), repair hole in CRM sideslope.



- b. Top of Project, Upstream of Māmalahoa Highway Bridge, RB remove vegetation and debris from top of channel.



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- c. Sta. 1+00, Left Bank (LB), continue to remove vegetation from sideslope.



- d. Sta. 3+00, Typical of channel vegetation to be removed.



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- e. Typical of channel vegetation to be removed.



- f. LB, fill hole in sideslope.



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- g. LB, monitor and repair eroding channel side as needed.



- h. Typical of sideslope erosion, exposed fence post footings and channel vegetation to be removed, sideslope to be repaired.



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- i. Overview of channel above Ohana St. Bridge



- j. Typical of channel vegetation to be removed above Ohana Rd. Bridge.



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k.. Repair invert hole under Ohana St. Bridge.



l. Typical of sideslope erosion, exposed fence post footings and channel vegetation to be removed sideslope to be repaired.



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m. Typical of channel vegetation to be removed, at Keneti Rd. Bridge.



n. Determine source of eroded fence post and replace.



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o. Typical of channel vegetation to be removed.



p. Approx. 300 lf downstream of Frietas St. Bridge.



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- q. Remove tree from base of channel, RB, approx. 1000 lf downstream of Freitas St. Bridge.



- r. Overview, 800 lf upstream of end of channel, clear vegetation.



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- s. Overview of Silting Pond, good maintenance.



- t. Continue to maintain 18" drain from Silting Pond.



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6. Findings/Conclusions:

There has been a substantial improvement in the vegetation control of this project since the previous inspection. A concerted effort is needed to maintain the vegetation and sideslopes and fencing need to be continuously monitored. In accordance with ER 500-1-1, (dtd 30 September 2001), and based on this CEI, the Project is rated **Marginally Satisfactory**, Project Condition Code is **Minimally Acceptable** and the project is considered ACTIVE in the Rehabilitation and Inspection Program.

Signed: _____
Dan Meyers, CEPOH-EC-T

Signed: _____
James Pennaz, P.E., Chief, CEPOH-EC-T

Enclosure(s)
Site PlanProject Map:



FIGURE 1

